



Jefferson Lab Alignment Group

Data Transmittal

TO: Dave Douglas

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FROM: Kelly Tremblay

Checked:

#: F1019

DETAILS:

The SF magnets in the FEL 5F region were recently surveyed. The as-set positions differ relative to the ideal magnet locations. The following tables show the deltas, in the beam following system. A positive z value means the magnet is too far downstream, positive x, is too far beam left, and a positive y is too high.

Also included is the previous survey data in 2004.

Magnet	z	x	y
MSF5F00	-111.0	0.2	0.2
MSF5F01	-69.7	-0.1	0.1
MSF5F03	73.0	-0.1	0.1
MSF5F04	178.1	-0.6	0.1

Data from 2/27/2004

Magnet	z	x	y
MSF5F00	-119.6	0.0	-0.1
MSF5F01	-69.0	0.2	0.0
MSF5F03	70.9	0.0	0.0
MSF5F04	126.5	-0.1	-0.1